

FORM PTO-1449

U.S. Dept. of Commerce
Patent and Trademark Office

Atty Docket No.

P0706P2C2D2

Serial No.

09/104,063

LIST OF DISCLOSURES CITED BY APPLICANT

(Use several sheets if necessary)

Applicant

Lee et al.

Filing Date

24 Jun 1998

Group

AL
1546

U.S. PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date
2	1	5,374,506	20.12.94	Murphy, P.			
2	2	5,543,503	06.08.96	Chuntharapai et al.			11.06.93

FOREIGN PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Country	Class	Subclass	Translation Yes	No
2	3	WO 92/17497	15.10.92	PCT				
2	4	WO 92/18641	29.10.92	PCT				
2	5	WO 93/06229	01.04.93	PCT				

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)

2	6	Antibodies: A Laboratory Manual (Chapter 5), Harlow and Lane, eds., Cold Spring Harbor Laboratory pps. 72-76 (1988)						
2	7	Beckmann et al., "Molecular characterization of the interleukin-8 receptor" <u>Biochem. & Biophys. Res. Comm.</u> 179(2):784-789 (Sep 16, 1991)						
2	8	Besemer et al., "Specific Binding, Internalization, and Degradation of Human Neutrophil Activating Factor by Human Neutrophil Activating Factor by Human Polymorphonuclear Leukocytes" <u>Journal of Biological Chemistry</u> 264:17409-17415 (1989)						
2	9	Boulay et al., "Synthesis and use of a novel N-formyl peptide derivative to isolate a human N-formyl peptide receptor cDNA" <u>Biochem. Biophys Res. Comm.</u> 168(3):1103-1109 (1990)						
2	10	Broadus et al., "Interleukin-8 is a major neutrophil chemotactic factor in pleural liquid of patients with empyema" <u>Amer. Rev. Resp. Disease</u> 146:825-830 (1992)						
2	11	Chuntharapai et al., "Generation and characterization of monoclonal antibodies (mAbs) to human IL 8 receptor A" <u>J. Immunol.</u> (abstract #708) 150(8(2)):126A (May 1993)						
2	12	Chuntharapai et al., "Neutralizing monoclonal antibodies to human IL-8 receptor A map to the NH ₂ -terminal region of the receptor" <u>J. Immunol.</u> 152(4):1783-1789 (1994)						
2	13	Clark-Lewis et al., "Platelet factor 4 binds to interleukin 8 receptors and activates neutrophils when its N terminus is modified with Glu-Leu-Arg" <u>Proc. Natl. Acad. Sci. USA</u> 90(8):3574-3577 (Apr 15, 1993)						
2	14	Clark-Lewis et al., "Structure-Activity Relationships of Interleukin-8 Determined Using Chemically Synthesized Analogs" <u>Journal of Biological Chemistry</u> 266(34):23128-23134 (1991)						
2	15	D'Andrea et al., "Expression Cloning of the Murine Erythropoietin Receptor" <u>Cell</u> 57:277-285 (1989)						
2	16	Dixon et al., "Structural features required for ligand binding to the A-adrenergic receptor" <u>EMBO Journal</u> 6(11):3269-3275 (1987)						
2	17	Dixon, et al., "Structure-Function Analysis of the Beta-Adrenergic Receptor" <u>Cold Spring Har. Sym. Quant. Biol.</u> 53:487-497 (1988)						
2	18	Federspiel et al., "Molecular cloning of the cDNA and chromosomal localization of the gene for a putative seven-transmembrane segment (7-TMS) receptor isolated from human spleen" <u>Genomics</u> 16:707-712 (1993)						
2	19	Feng, Yu et al., "HIV-1 entry cofactor: functional cDNA cloning of a seven-transmembrane, G protein-coupled receptor" <u>Science</u> 272:872-877 (1996)						

Examiner

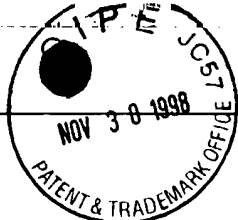
John W.

Date Considered

2-20-98

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. Dept. of Commerce
Patent and Trademark Office

Atty Docket No.

P0706P2C2D2

Serial No.

09/104,063

LIST OF DISCLOSURES CITED BY APPLICANT

(Use several sheets if necessary)

Applicant

Lee et al.

Filing Date

24 Jun 1998

Group

A4
1646

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)

2	20	Gayle III et al., "Importance of the Amino Terminus of the Interleukin-8 Receptor in Ligand Interactions" <u>Journal of Biological Chemistry</u> 268(10):7283-7289 (1993)
2	21	Gerard & Gerard, "The chemotactic receptor for human C5a anaphylatoxin" <u>Nature</u> 349:614-617 (1991)
2	22	Grob et al., "Characterization of a Receptor for Human Monocyte-derived Neutrophil Chemotactic Factor/Interleukin-8" <u>Journal of Biological Chemistry</u> 265(14):8311-8316 (1990)
2	23	Hammond et al., "Generation of neutralizing antibodies to human interleukin-8 (IL8) receptors" <u>J. Cell Biochem.</u> (Suppl. 18B) 318:Abstract #0108 (1994)
1	24	Harada et al. <u>Gene</u> 142:297-300 (1994)
2	25	Hebert et al., "Endothelial and Leukocyte Forms of IL-8: Conversion by Thrombin and Interactions with Neutrophils" <u>J. Immunol.</u> 145(9):3033-3040 (Nov 1, 1990)
2	26	Hebert et al., "Partial functional mapping of the human interleukin-8 type A receptor" <u>Journal of Biological Chemistry</u> 268(25):18549-18553 (1993)
2	27	Hebert et al., "Scanning Mutagenesis of Interleukin-8 Identifies a Cluster of Residues Required for Receptor Binding" <u>Journal of Biological Chemistry</u> 266(28):18989-18994 (1991)
2	28	Herzog et al., "Molecular cloning, characterization, and localization of the human homolog to the reported bovine NPY Y3 receptor: lack of NPY binding and activation" <u>DNA and Cell Biology</u> 12(6):465-471 (1993)
2	29	Holmes et al., "Structure and Functional Expression of a Human Interleukin-8 Receptor" <u>Science</u> 253(5025):1278-1280 (Sep 13, 1991)
2	30	Jazin et al., "A proposed bovine neuropeptide Y (NPY) receptor cDNA clone, or its human homologue, confers neither NPY binding sites nor NPY responsiveness on transfected cells" <u>Regulatory Peptides</u> 47:247-258 (1993)
2	31	Kahan et al. <u>Current Opinion in Immunology</u> 4:553-560 (1992)
2	32	Koch et al., "Interleukin-8 as a Macrophage-Derived Mediator of Angiogenesis" <u>Science</u> 258:1798-1801 (1992)
2	33	Koch et al., "Synovial tissue macrophage as a source of the chemotactic cytokine IL-8" <u>J. Immunol.</u> 147(7):2187-2195 (1991)
2	34	Kubo et al., "Cloning, sequencing and expression of complementary DNA encoding the muscarinic acetylcholine receptor" <u>Nature</u> 323:411-416 (1986)
2	35	LaRosa et al., "Amino terminus of the interleukin-8 receptor is a major determinant of receptor subtype specificity" <u>Journal of Biological Chemistry</u> 267(35):25402-25406 (1992)
2	36	Lee et al., "Characterization of Complementary DNA Clones Encoding the Rabbit IL-8 Receptor" <u>Journal of Immunology</u> 148(4):1261-1264 (Feb 15, 1992)
2	37	Lee et al., "Characterization of Two High Affinity Human Interleukin-8 Receptors" <u>Journal of Biological Chemistry</u> 267(23):16283-16287 (1992)
2	38	Lerner, R.A., "Tapping the Immunological Repertoire to Produce Antibodies of Predetermined Specificity" <u>Nature</u> 299:592-596 (Oct 1982)
2	39	Lindley et al., "NAP-1/IL-8 in Rheumatoid Arthritis" <u>Advances in Experimental Medicine and Biology</u> (Chemotactic Cytokines: Biology of the Inflammatory Peptide Supergene Family), Westwick, J. et al. (eds) Vol. 305:147-156 (1991)

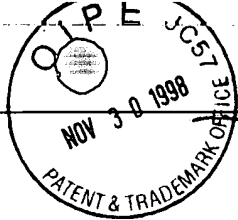
Examiner

John C. H.

Date Considered

9-20-92

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449

U.S. Dept. of Commerce
Patent and Trademark Office

Atty Docket No.

P0706P2C2D2

Serial No.

09/104,063

LIST OF DISCLOSURES CITED BY APPLICANT

(Use several sheets if necessary)

Applicant

Lee et al.

Filing Date

24 Jun 1998

Group

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)

40	Loetscher et al., "Cloning of a human seven-transmembrane domain receptor, LESTR, that is highly expressed in leukocytes" <u>Journal of Biological Chemistry</u> 269(1):232-237 (1994)
41	Mahida et al., "Enhanced synthesis of neutrophil-activating peptide-I/interleukin-8 in active ulcerative colitis" <u>Clinical Science</u> 82:273-275 (1992)
42	Moser et al., "Interleukin-8 Antagonists Generated by N-terminal Modification" <u>Journal of Biological Chemistry</u> 268(10):7125-7128 (1993)
43	Murphy and Tiffany, "Cloning of complementary DNA encoding a functional human interleukin-8 receptor" <u>Science</u> 253(5025):1280-1283 (Sep 13, 1991)
44	Nomura, H. et al., "Molecular cloning of cDNAs encoding a LD78 receptor and putative leukocyte chemotactic peptide receptors" <u>International Immunology</u> 5(10):1239-1249 (1993)
45	Oppenheim et al., "Properties of the novel proinflammatory supergene intericine" cytokine family" <u>Annu. Rev. Immunol.</u> 9:617-648 (1991)
46	Peralta et al., "Distinct primary structures, ligand-binding properties and tissue-specific expression of four human muscarinic acetylcholine receptors" <u>EMBO Journal</u> 6:3923-3929 (1987)
47	Prado et al. <u>Journal of Biological Chemistry</u> 269(17):12391-12394 (April 29, 1994)
48	Quan, J.M. et al., "Antibodies against the N-terminus of IL-8 receptor A inhibit neutrophil chemotaxis" <u>Biochem. & Biophys. Res. Comm.</u> 219:405-411 (1996)
49	Ramachandran et al., "The Structural and Functional Interrelationships of Muscarinic Acetylcholine Receptor Subtypes" <u>Bioessays</u> 10:54-57 (1989)
50	Samanta et al., "Identification and characterization of specific receptors for monocyte-derived neutrophil chemotactic factor (MDNCF) on human neutrophils" <u>Journal of Experimental Medicine</u> 169:1185-1189 (1989)
51	Saragovi et al., "The Murine Interleukin 2 Receptor: Irreversible Cross-Linking of Radiolabeled Interleukin 2 to High Affinity Interleukin 2 Receptors Reveals a Noncovalently Associated Subunit" <u>J. Immunol.</u> 139(6):1918-1926 (Sep. 15, 1987)
52	Sevier et al., "Monoclonal Antibodies in Clinical Immunology" <u>Clinical Chemistry</u> 27(11):1797-1806 (1981)
53	Sims et al., "cDNA Expression Cloning of the IL-1 Receptor, a Member of the Immunoglobulin Superfamily" <u>Science</u> 241:585-589 (1988)
54	Sticherling et al., "Production and Characterization of Monoclonal Antibodies Against the Novel Neutrophil Activating Peptide NAP/IL-8" <u>J. Immunol.</u> 143(5):1628-1634 (September 1, 1989)
55	Strader et al., "Structural basis of A-adrenergic receptor function" <u>FASEB</u> 3:1825-1832 (1989)
56	Taylor, C. W., "The role of G proteins in transmembrane signalling" <u>Biochemical Journal</u> 272(1):1-13 (1990)
57	Terkeltaub et al., "Monocyte-derived neutrophil chemotactic factor/interleukin-8 is a potential mediator of crystal-induced inflammation" <u>Arthr. and Rheum.</u> 34:894-903 (1991)
58	Thomas et al., "The Interleukin-8 Receptor Is Encoded by a Neutrophil-specific cDNA clone, F3R" <u>Journal of Biological Chemistry</u> 266(23):14839-14841 (1991)
59	Thomas et al., "Molecular cloning of the fMet-Leu-Phe receptor from neutrophils" <u>Journal of Biological Chemistry</u> (published erratum appears in J Biol Chem 1992 Jul 5;267(19):13780) 265(33):20061-20064 (Nov 25, 1990)

Examiner

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449

U.S. Dept. of Commerce

Atty Docket No.

P0706P2C2D2

Serial No.

09/104,063

Patent and Trademark Office

LIST OF DISCLOSURES CITED BY APPLICANT

(Use several sheets if necessary)

Applicant

Lee et al.

Filing Date

24 Jun 1998

Group

1648

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)

60

Wolpe & Cerami, "Macrophage inflammatory proteins 1 and 2: members of a novel superfamily of cytokines"
FASEB J. 3:2565-2573 (1989)

61

Ye et al., "Inhibition of IL-8 binding to the type B IL-8 receptor by an anti-IL-8 receptor antibody"
FASEB J. (Abstract #786) 8(4-5):A136 (1994)

Examiner

Tol - D. C.

Date Considered

8-20-98

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.